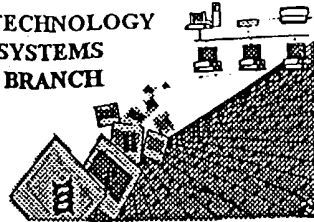# RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: *10/828,531A*
Source: *IFW*
Date Processed by STIC: *12-15-04*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
    APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
    NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is
a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the
United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
   User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
   U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,
   Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/828/531 A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 _____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 _____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 _____ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4 _____ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5 _____ Variable Length — Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing

6 _____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7 _____ Skipped Sequences (OLD RULES) — Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences

8 Skipped Sequences (NEW RULES) — Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
<210> sequence id number
<400> sequence id number
000

9 Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents

10 Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11 Use of <220> — Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <211> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 _____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 _____ Misuse of n/Xaa — "n" can only represent a single <u>nucleotide</u>; "Xaa" can only represent a single <u>amino acid</u>

IFWO

```
RAW SEQUENCE LISTING               DATE: 12/15/2004
PATENT APPLICATION:  US/10/828,531A       TIME: 15:23:11

    Input Set : A:\MSC-21947-1-CU.ST25.txt
    Output Set: N:\CRF4\12152004\J828531A.raw

 3 <110> APPLICANT: Atassi, M. Z.
 4         Morrision, D. R.
 6 <120> TITLE OF INVENTION: Molecular-specific Urokinase Antibodies
 8 <130> FILE REFERENCE: MSC-21947-1-CU
10 <140> CURRENT APPLICATION NUMBER: 10/828,531A
11 <141> CURRENT FILING DATE: 2004-04-14
13 <160> NUMBER OF SEQ ID NOS: 17
15 <170> SOFTWARE: PatentIn version 3.3
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 15
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Peptide
25 <400> SEQUENCE: 1
27 Arg Gly Lys Ala Ser Thr Asp Thr Met Gly Arg Pro Cys Leu Pro
28 1               5                  10                  15
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 15
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Peptide
39 <400> SEQUENCE: 2
41 Arg Gly Lys Ala Ser Thr Asp Thr Met Gly Arg Pro Cys Leu Pro
42 1               5                  10                  15
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 10
47 <212> TYPE: PRT
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Peptide
53 <400> SEQUENCE: 3
55 Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro
56 1               5                  10
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 11
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial
64 <220> FEATURE:
65 <223> OTHER INFORMATION: Peptide
67 <400> SEQUENCE: 4
69 Arg Asn Pro Asp Asn Arg Arg Arg Pro Trp Cys
```

[Handwritten annotations:] Pls explain source of genetic material, Invalid response (PS.1-S)

[Handwritten annotations:] Pls explain source of genetic material, Invalid response

[Handwritten annotations:] Same error

[Handwritten annotations:] Same error

[Handwritten annotation:] See item #11 on error summary sheet.

```
          RAW SEQUENCE LISTING                DATE: 12/15/2004
          PATENT APPLICATION:  US/10/828,531A    TIME: 15:23:11

          Input Set : A:\MSC-21947-1-CU.ST25.txt
          Output Set: N:\CRF4\12152004\J828531A.raw

70  1                 5                10
73  <210> SEQ ID NO: 5
74  <211> LENGTH: 10
75  <212> TYPE: PRT
76  <213> ORGANISM: Artificial
78  <220> FEATURE:
79  <223> OTHER INFORMATION: Peptide        Same error
81  <400> SEQUENCE: 5
83  Cys Met Val His Asp Gly Ala Asp Gly Lys
84  1                 5                10
87  <210> SEQ ID NO: 6
88  <211> LENGTH: 9
89  <212> TYPE: PRT
90  <213> ORGANISM: Artificial
92  <220> FEATURE:
93  <223> OTHER INFORMATION: Peptide       Same error
95  <400> SEQUENCE: 6
97  Met Val His Asp Cys Ala Asp Gly Lys
98  1                 5
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 13
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial
106 <220> FEATURE:                          Same error
107 <223> OTHER INFORMATION: Peptide
109 <400> SEQUENCE: 7
111 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys
112 1                 5                10
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 11
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Peptide       Same error
123 <400> SEQUENCE: 8
125 Cys Phe Ile Asp Tyr Pro Lys Lys Glu Asp Tyr
126 1                 5                10
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 12
131 <212> TYPE: PRT
132 <213> ORGANISM: Peptide        Invalid Response, see item
134 <400> SEQUENCE: 9                        # 10 on
136 Ser Arg Leu Asn Ser Asn Thr Gln Gly Glu Met Lys
137 1                 5                10
140 <210> SEQ ID NO: 10                    error summary
141 <211> LENGTH: 12                          sheet,
142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial
145 <220> FEATURE:
```

Pls explain source of genetic material

RAW SEQUENCE LISTING   DATE: 12/15/2004
PATENT APPLICATION: US/10/828,531A   TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

Invalid response, see item # 11 on error summary sheet.

```
146 <223> OTHER INFORMATION: Peptide
148 <400> SEQUENCE: 10
150 Ser Met Tyr Asn Asp Pro Gln Phe Gly Thr Ser Cys
151 1               5                   10
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 24
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial          Same error
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Peptide
162 <400> SEQUENCE: 11
164 Leu Ile Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu
165 1               5                   10                  15
168 Val Thr Thr Thr Lys Met Leu Cys
169               20
172 <210> SEQ ID NO: 12
173 <211> LENGTH: 11
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Peptide    Same error
180 <400> SEQUENCE: 12
182 Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu
183 1               5                   10
186 <210> SEQ ID NO: 13
187 <211> LENGTH: 7
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Peptide    Same error
194 <400> SEQUENCE: 13
196 Pro Arg Phe Lys Ile Ile Gly
197 1               5
200 <210> SEQ ID NO: 14
201 <211> LENGTH: 10
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Peptide    Same error
208 <400> SEQUENCE: 14
210 Arg Pro Arg Phe Lys Ile Ile Gly Gly Glu
211 1               5                   10
214 <210> SEQ ID NO: 15
215 <211> LENGTH: 10
216 <212> TYPE: PRT
217 <213> ORGANISM: Artificial
219 <220> FEATURE:              Same error
220 <223> OTHER INFORMATION: Peptide
222 <400> SEQUENCE: 15
```

RAW SEQUENCE LISTING   DATE: 12/15/2004
PATENT APPLICATION: US/10/828,531A   TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

```
224 Leu Arg Pro Arg Phe Lys Ile Ile Gly Gly
225 1               5                   10
228 <210> SEQ ID NO: 16
229 <211> LENGTH: 411
230 <212> TYPE: PRT
231 <213> ORGANISM: Artificial
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Peptide   Same error
236 <400> SEQUENCE: 16
238 Ser Asn Glu Leu His Gln Val Pro Ser Asn Cys Asp Cys Leu Asn Gly
239 1               5                   10                  15
242 Gly Thr Cys Val Ser Asn Lys Tyr Phe Ser Asn Ile His Trp Cys Asn
243             20                  25                  30
246 Cys Pro Lys Lys Phe Gly Gly Gln His Cys Glu Ile Asp Lys Ser Lys
247         35                  40                  45
250 Thr Cys Tyr Glu Gly Asn Gly His Phe Tyr Arg Gly Lys Ala Ser Thr
251     50                  55                  60
254 Asp Thr Met Gly Arg Pro Cys Leu Pro Trp Asn Ser Ala Thr Val Leu
255 65                  70                  75                  80
258 Gln Gln Thr Tyr His Ala His Arg Ser Asp Ala Leu Gln Leu Gly Leu
259             85                  90                  95
262 Gly Lys His Asn Tyr Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro Trp
263             100                 105                 110
266 Cys Tyr Val Gln Val Gly Leu Lys Pro Leu Val Gln Glu Cys Met Val
267         115                 120                 125
270 His Asp Cys Ala Asp Gly Lys Lys Pro Ser Ser Pro Pro Glu Glu Leu
271     130                 135                 140
274 Lys Phe Gln Cys Gly Gln Lys Thr Leu Arg Pro Arg Phe Lys Ile Ile
275 145                 150                 155                 160
278 Gly Gly Glu Phe Thr Thr Ile Glu Asn Gln Pro Trp Phe Ala Ala Ile
279             165                 170                 175
282 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys Gly Gly Ser
283             180                 185                 190
286 Leu Ile Ser Pro Cys Trp Val Ile Ser Ala Thr His Cys Phe Ile Asp
287         195                 200                 205
290 Tyr Pro Lys Lys Glu Asp Tyr Ile Val Tyr Leu Gly Arg Ser Arg Leu
291     210                 215                 220
294 Asn Ser Asn Thr Gln Gly Glu Met Lys Phe Glu Val Glu Asn Leu Ile
295 225                 230                 235                 240
298 Leu His Lys Asp Tyr Ser Ala Asp Thr Leu Ala His His Asn Asp Ile
299             245                 250                 255
302 Ala Leu Leu Lys Ile Arg Ser Lys Glu Gly Arg Cys Ala Gln Pro Ser
303             260                 265                 270
306 Arg Thr Ile Gln Thr Ile Cys Leu Pro Ser Met Tyr Asn Asp Pro Gln
307         275                 280                 285
310 Phe Gly Thr Ser Cys Glu Ile Thr Gly Phe Gly Lys Glu Asn Ser Thr
311     290                 295                 300
314 Asp Tyr Leu Tyr Pro Glu Gln Leu Lys Met Thr Val Val Lys Leu Ile
315 305                 310                 315                 320
```

RAW SEQUENCE LISTING   DATE: 12/15/2004
PATENT APPLICATION: US/10/828,531A   TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

```
318 Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu Val Thr
319             325             330             335
322 Thr Lys Met Leu Cys Ala Ala Asp Pro Gln Trp Lys Thr Asp Ser Cys
323             340             345             350
326 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Ser Leu Gln Gly Arg Met
327         355             360             365
330 Thr Leu Thr Gly Ile Val Ser Trp Gly Arg Gly Cys Ala Leu Lys Asp
331     370             375             380
334 Lys Pro Gly Val Tyr Thr Arg Val Ser His Phe Leu Pro Trp Ile Arg
335 385             390             395             400
338 Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu
339             405             410
342 <210> SEQ ID NO: 17
343 <211> LENGTH: 9
344 <212> TYPE: PRT
345 <213> ORGANISM: Artificial
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Peptide
350 <400> SEQUENCE: 17
352 Ala Asp Asp Gly Lys Lys Pro Ser Ser
353 1               5
```

Same error (handwritten annotation)

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/15/2004
PATENT APPLICATION: US/10/828,531A   TIME: 15:23:12

Input Set : A:\MSC-21947-1-CU.ST25.txt
Output Set: N:\CRF4\12152004\J828531A.raw

alid <213> Response:
 of "Artificial" only as "<213> Organism" response is incomplete,
 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

#:1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17

VERIFICATION SUMMARY   DATE: 12/15/2004
PATENT APPLICATION: **US/10/828,531A**   TIME: 15:23:12

Input Set : **A:\MSC-21947-1-CU.ST25.txt**
Output Set: **N:\CRF4\12152004\J828531A.raw**